Philips 9000 series
LCD TV with Ambilight Spectra 3 and Perfect Pixel HD Engine

42"

DVB-T/C MPEG4*

42PFL9703H

Excite your senses

Immerse yourself in a captivating Ambilight experience. Featuring MPEG4 HDTV and the Perfect Pixel HD Engine, the TV combines Perfect Motion, Perfect Colors and Perfect Contrast with Ambilight Spectra 3 - lighting up your viewing experience

Elevate your viewing experience

- Ambilight Spectra 3 for an immersive viewing experience

Breathtaking perfect pictures

- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- HD ready 1080p for highest quality display of Full HD images
- Perfect Natural Motion for ultra smooth Full HD movies
- Wide Color Gamut LCD display for brilliant colors
- 100Hz Clear LCD, 2ms performance for superb motion sharpness
- 2250 trillion colors processing
- Dynamic contrast 30000:1 for incredible rich black details

Easy to connect and enjoy

- DLNA PC network link to browse PC and Home network content
- 4 HDMI inputs with Easylink for a full HD connection

Ready for digital

- HDTV with MPEG4 to enjoy true-to-life HD pictures

PHILIPS

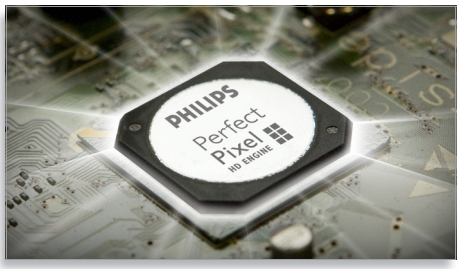
sense and simplicity

Highlights

Ambilight Spectra 3

Add a new dimension to your viewing experience with Ambilight Spectra 3. This patented Philips technology enlarges the screen further by projecting a glow of light from the back of the screen onto the surrounding wall. Ambilight adjusts automatically the colour and brightness of the light surrounding the TV to match with the picture, creating an immersive viewing experience. With Ambilight Spectra 3 movies truly come to life!

Perfect Pixel HD Engine



Experience unrivalled sharpness and clarity with Perfect Pixel HD Engine. Each pixel of the picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. The result is a unique combination of sharpness, natural detail, vivid colors superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artifact and noise detection and reduction in all content sources - from multimedia to standard TV.

Full HD LCD display 1920x1080p

Enjoy the exceptional picture quality of Full High Definition TV signals of HD sources like HDTV broadcast, or Blu-ray DVD. HD ready 1080p is a protected label that offers picture quality far beyond that of ordinairy HD Ready. It conforms to strict standards laid out by EICTA to offer a Full HD screen that displays the benefits of resolution and picture quality of a Full HD 1920x1080p High Definition TV signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 1080p progressive signals at 24, 50 and 60Hz.

Perfect Natural Motion

Enjoy the action without any judder. Perfect Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and pre-recorded movie material (including 1080p movies and 24p True Cinema on Blu-ray and DVD). The result is even smoother and quieter pictures with excellent sharpness, regardless of how quick the action gets on-screen. Enjoy motion performance that surpasses cinema quality!

Wide Color Gamut LCD

x.v.Color ensures realistic color reproduction, accurately capturing every tint, hue and depth in order to offer a wide color range that includes almost twice as many colors as sRGB color space. x.v.Color produces color variations very close to what the human eye can recognize – it even enhances/improves the quality of High Definition video material. Televisions compliant with x.v.Color will reproduce images in almost the same quality as when it was recorded.

100Hz Clear LCD (2ms)

100Hz Clear LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The Double Frame Rate Insertion works with a high 100Hz refresh rate. It increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a performance with a response time of 2 milliseconds (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings motion sharpness of LCD displays to an unprecedented level.

Dynamic contrast ratio 30000:1

You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight boosting technology results in vibrant images. Dynamic Contrast will increase the contrast with excellent blacklevel and accurate rendition of dark shades and colors. It gives a bright, lifelike picture with high contrast and vibrant colors.

HDTV with MPEG4

HDTV allows you to receive high definition terrestrial broadcasted content via an integrated DVB-T tuner for both MPEG-2 and MPEG-4 formats. Without additional set-top box you will get an exceptional picture and sound quality.

LCD TV with Ambilight Spectra 3 and Perfect Pixel HD Engine
42" DVB-T/C MPEG4*

42PFL9703H/10

Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 30000:1
- Response time (typical): 2 (BEW equiv.) ms
- Viewing angle: 176° (H) / 176° (V)
- Diagonal screen size: 42 inch / 107 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920x1080p
- Picture enhancement: Perfect Pixel HD Engine, Perfect Natural Motion, Perfect Contrast, Perfect Colors, Wide Color Gamut display, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, 100Hz Clear LCD, Jagged Line Suppression, Progressive Scan, 1080p 24/25/30Hz processing, 1080p 50/60Hz processing
- Screen enhancement: Anti-Reflection coated screen
- Color processing: 2250 trillion colors 17bit RGB

Ambilight
- Ambilight Features: Ambilight Spectra 3, Lounge light mode
- Dimming Function: Manual and via Light Sensor
- Ambilight light system: LED wide color

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1360 x 768	60Hz
1920 x 1080i	60Hz
1920 x 1080p	60Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	24, 50, 60Hz
1080p	24, 25, 30Hz

Sound
- Output power (RMS): 2 x 15W
- Sound Enhancement: Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser, Smart Sound
- Sound System: Virtual Dolby Digital, BBE

Loudspeakers
- Built-in speakers: 2
- Loudspeaker types: 2 integrated subwoofers, Dome tweeter

Convenience
- Child Protection: Child Lock+Parental Control
- Ease of Installation: Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play
- Ease of Use: 4 favorite lists, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On Screen Display, Program List, Settings assistant Wizard, Side Control
- Electronic Program Guide: Now + Next EPG, 8 day Electronic Program Guide
- Picture in Picture: Text dual screen
- Remote Control: Universal
- Remote control type: RC4492
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle and Heading Shift, Super Zoom, Widescreen, unscaled (1080p dot by dot)
- Teletext: 1200 page Hypertext
- Teletext enhancements: Habit Watch, Program information Line
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Multimedia: Digital media reader (browser), USB autobreak-in
- Smart mode: Game, Movie, Personal, Energy saving, Standard, Vivid

Multimedia Applications
- Multimedia connections: USB
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures, MPEG1, MPEG2

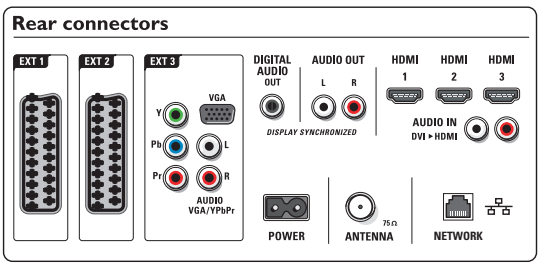
Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial *, DVB-T MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

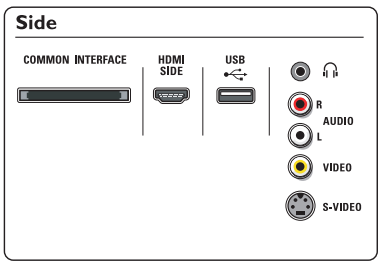
Connectivity
- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Ext 3: YPbPr, Audio L/R in, VGA PC-in
- Ext 4: HDMI v1.3
- Ext 5: HDMI v1.3
- Ext 6: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, System audio control, System standby
- Front / Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone out, USB
- PC network link: DLNA 1.0 certified
- Other connections: Analog audio Left/Right out, S/PDIF out (coaxial), Common Interface

Power
- Ambient temperature: 5 °C to 35 °C
- Mains power: AC 220 - 240 V +/- 10%
- Power consumption: 206 W
- Power (Energy saving mode): 150 W
- Standby power consumption: 0,15 W

Dimensions
- Set dimensions (W x H x D): 1054 x 658 x 100 mm
- Set dimensions with stand (H x D): 731 x 265 mm
- Weight incl. Packaging: 39 kg
- Product weight: 22.7 kg
- Product weight (+stand): 27.2 kg
- Box dimensions (W x H x D): 1163 x 813 x 320 mm
- Color cabinet: Black glass decofront with black backcover
- VESA wall mount compatible: 300 x 300 mm

Accessories
- Included Accessories: RF antenna cable, Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, Batteries for remote control





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